

Elab Fluor® Violet 540 Anti-Human CD19 Antibody[CB19]

Catalog Number: E-AB-F1004T3

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

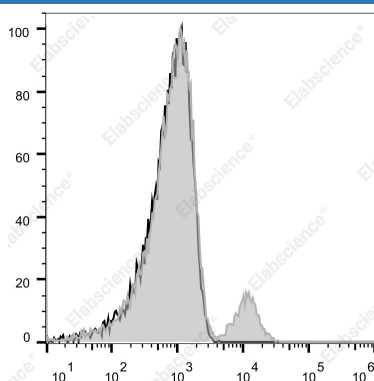
Reactivity	Human;Rhesus;Cynomolgus
Host	Mouse
Isotype	Mouse IgG1, κ
Clone No.	CB19
Isotype Control	Elab Fluor® Violet 540 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792T3]
Conjugation	Elab Fluor® Violet 540
Conjugation Information	Elab Fluor® Violet 540 is designed to be excited by the violet laser (405 nm) and detected using an optical filter centered near 548 nm (e.g., a 572/28 nm bandpass filter).
Storage Buffer	Phosphate buffered solution, pH 7.2, containing 0.09% sodium azide and 1% BSA.

Applications

Recommended usage

FCM Each lot of this antibody is quality control tested by flow cytometric analysis. **The amount of the reagent is suggested to be used 5 μL of antibody per test (million cells in 100 μL staining volume or per 100 μL of whole blood).** Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

Data



Staining of normal human peripheral blood cells with Elab Fluor® Violet 540 Anti-Human CD19 Antibody[CB19] (filled gray histogram) or Elab Fluor® Violet 540 Mouse IgG1, κ Isotype Control(empty black histogram). Cells in the lymphocytes gate were used for analysis.

Preparation & Storage

Storage	Keep as concentrated solution. This product can be stored at 2-8°C for 12 months. Please protected from prolonged exposure to light and do not freeze.
Shipping	Ice bag

Antigen Information

Alternate Names	B-lymphocyte antigen CD19;CD19;Cd19;Differentiation antigen CD19
Uniprot ID	P15391

For Research Use Only

Gene ID

930

Background

CD19 is a 95 kD type I transmembrane glycoprotein also known as B4. It is a member of the immunoglobulin superfamily expressed on B-cells (from pro-B to blastoid B cells, absent on plasma cells) and follicular dendritic cells. CD19 is involved in B cell development, activation, and differentiation. CD19 forms a complex with CD21 (CR2) and CD81 (TAPA-1), and functions as a BCR co-receptor.